

SEQUENCE LISTING

<110> Summers, Anne O.
Caguiat, Jonathan

<120> Metal Binding Proteins, Recombinant Host Cells and
Methods

<130> 79-00

<140> unassigned

<141> 2001-10-12

<150> US 60/240,465

<151> 2000-10-12

<160> 18

<170> PatentIn Ver. 2.0

<210> 1

<211> 435

<212> DNA

<213> Shigella flexneri, Tn21 of Plasmid R100

<400> 1

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<213> Shigella flexneri, Tn21 of Plasmid R100

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Ala Gly Val Asn Val Glu Thr Ile Arg Phe Tyr Gln Arg Lys Gly Leu
      20              25              30

Leu Arg Glu Pro Asp Lys Pro Tyr Gly Ser Ile Arg Arg Tyr Gly Glu
      35              40              45

Ala Asp Val Val Arg Val Lys Phe Val Lys Ser Ala Gln Arg Leu Gly
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Phe Ser Leu Asp Glu Ile Ala Glu Leu Leu Arg Leu Asp Asp Gly Thr
      65              70              75             80
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His Cys Glu Glu Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val
85 90 95

Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu
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Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Leu
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Ile Ala Ser Leu Gln Gly Glu Ala Gly Leu Ala Arg Ser Ala Met Pro
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<223> Description of Artificial Sequence: chelon

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gcacgaaagg ggaatgtttc ctgcccgttg atcgcgtcac tacagggatc ctcaggcacc 180
cactgcgagg aggccagcag cctggccgaa cacaagctca aggacgtgcg cgagaagatg 240
gccgacttgg cgcgcatgga aaccgtgctg tctgaactcg tgtgcgcctg ccatgcacga 300
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Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys
35 40 45

Pro Leu Ile Ala Ser Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu
50 55 60

Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala
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Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Ser Ala Trp Ser His
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Pro Gln Phe Glu Lys
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<212> PRT
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<223> Description of Artificial Sequence: chelon

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Asp Val Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu
20 25 30

Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys
35 40 45

Pro Leu Ile Ala Ser Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu
50 55 60

Val Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala
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Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Ser Ala Trp Ser His
100 105 110

Pro Gln Phe Glu Lys
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<223> Description of Artificial Sequence: chelon

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